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(ROSPATENT)

(19) RU (11) 2124681 (13) C1**(51) 6 F24J3/00**

(12) DESCRIPTIONS OF INVENTION

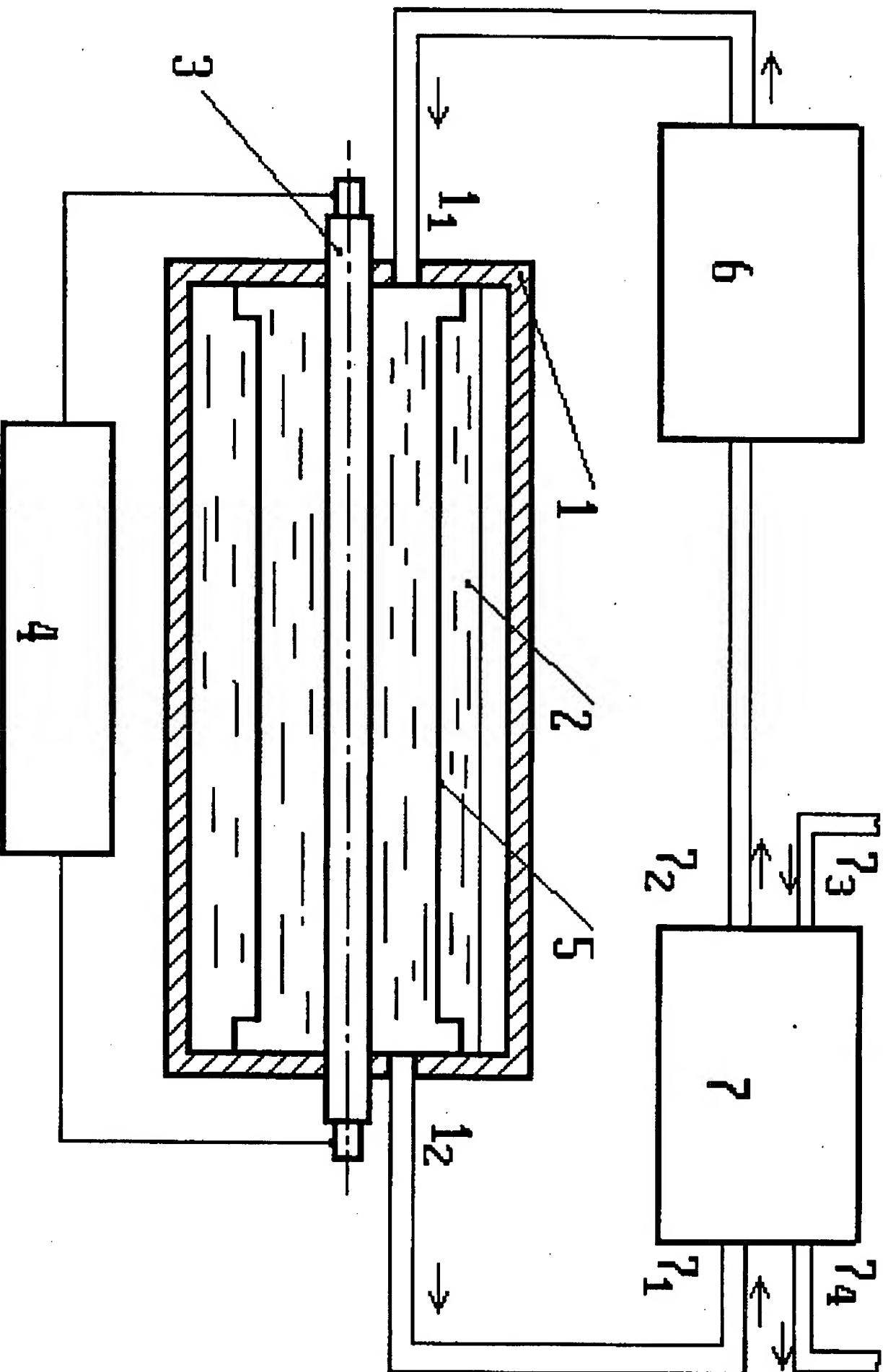
To the patent of Russian Federation**Status: of 28.03.2007 - operates****(14) Document date: 1999.01.10****(21) Application number: 97111474/06****(22) Application filing date: 1997.07.09****(45) Date: 1999.01.10****(71) Applicant information: Efremkin Pavel
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(54) METHOD AND DEVICE FOR HEAT RELEASE FROM FLUID

FIELD: heat generation. SUBSTANCE: polar fluid is exposed to optical pulse beam in vicinity of its contact with surface of fluid-immersed light-reflecting screen made of material wettable by mentioned fluid or coated with such material. Screen and long source of optical pulse beam in the form of pulsed gas-discharge tube connected to pulse voltage supply are placed in tank holding operating polar fluid. Tank is inserted in closed hydraulic loop incorporating also pump and heat exchanger. EFFECT: improved augmentation of heat transfer and amount of heat released; improved environmental friendliness. 8 cl, 5 dwg

DRAWINGS

Drawing 1[Full documents in russian](#)



Фиг. 1